

# RCRA LAND DISPOSAL RESTRICTION NOTIFICATION

Generator: THE BOEING COMPANY - THE BOEING COMPANY  
Profile No.: C0012BOE Rev: 00

EPA I.D. No.:  
Manifest No.: \_\_\_\_\_

This notification is submitted to The Boeing Company's treatment facility in accordance with U.S. EPA regulations, 40 CFR 268.7 (a)(1). The following hazardous wastes, as designated by a check mark in the associated box, are included in this waste shipment and are restricted and banned from land disposal unless they are treated to the standards as indicated. The applicable EPA hazardous waste numbers are checked.

Waste Analysis Data is: ☒ Attached ☐ Not Available

RCRA F-listed Solvent Ban: Determine if any of the listed solvents are in the hazardous waste shipment. If one or more solvents are present from any of the following five F-number categories, check the appropriate box or boxes.

		Treatment Standard in mg/l (ppm)					Treatment Standard in mg/l (ppm)		
		Wastewaters	Nonwastewaters	Debris*			Wastewaters	Nonwastewaters	Debris*
<input checked="" type="checkbox"/> F001	<input checked="" type="checkbox"/> F002				<input checked="" type="checkbox"/> F004				
	CARBON TETRACHLORIDE	<input checked="" type="checkbox"/> 0.057	<input checked="" type="checkbox"/> 5.6	<input checked="" type="checkbox"/>		CRESOLS (M- AND P- ISOMERS)	<input checked="" type="checkbox"/> 0.77	<input checked="" type="checkbox"/> 3.2	<input checked="" type="checkbox"/>
	METHYLENE CHLORIDE	<input checked="" type="checkbox"/> 0.089	<input checked="" type="checkbox"/> 33	<input checked="" type="checkbox"/>		O-CRESOL	<input checked="" type="checkbox"/> 0.11	<input checked="" type="checkbox"/> 5.6	<input checked="" type="checkbox"/>
	TETRACHLOROETHYLENE	<input checked="" type="checkbox"/> 0.056	<input checked="" type="checkbox"/> 5.6	<input checked="" type="checkbox"/>		NITROBENZENE	<input checked="" type="checkbox"/> 0.068	<input checked="" type="checkbox"/> 14	<input checked="" type="checkbox"/>
	1,1,1-TRICHLOROETHANE	<input checked="" type="checkbox"/> 0.054	<input checked="" type="checkbox"/> 5.6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> F005				
	1,1,2-TRICHLOROETHANE	<input checked="" type="checkbox"/> 0.03	<input checked="" type="checkbox"/> 7.6	<input checked="" type="checkbox"/>		BENZENE	<input checked="" type="checkbox"/> 0.07	<input checked="" type="checkbox"/> 3.7	<input checked="" type="checkbox"/>
	TRICHLOROETHYLENE	<input checked="" type="checkbox"/> 0.054	<input checked="" type="checkbox"/> 5.6	<input checked="" type="checkbox"/>		CARBON DISULFIDE	<input checked="" type="checkbox"/> 0.014	<input checked="" type="checkbox"/> 4.8	<input checked="" type="checkbox"/>
	TRICHLOROFLUOROMETHANE	<input checked="" type="checkbox"/> 0.02	<input checked="" type="checkbox"/> 33	<input checked="" type="checkbox"/>		2-ETHOXYETHANOL	<input checked="" type="checkbox"/> BIODG OR	<input checked="" type="checkbox"/> INCIN	<input checked="" type="checkbox"/>
	CHLOROBENZENE	<input checked="" type="checkbox"/> 0.057	<input checked="" type="checkbox"/> 5.7	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/> INCIN		<input checked="" type="checkbox"/>
	1,2-DICHLOROBENZENE	<input checked="" type="checkbox"/> 0.088	<input checked="" type="checkbox"/> 6.2	<input checked="" type="checkbox"/>		ISOBUTANOL	<input checked="" type="checkbox"/> 5.6	<input checked="" type="checkbox"/> 170	<input checked="" type="checkbox"/>
	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	<input checked="" type="checkbox"/> 0.057	<input checked="" type="checkbox"/> 28	<input checked="" type="checkbox"/>		METHYL ETHYL KETONE	<input checked="" type="checkbox"/> 0.28	<input checked="" type="checkbox"/> 36	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> F003						2-NITROPROPANE	<input checked="" type="checkbox"/> (WETOX OR	<input checked="" type="checkbox"/> INCIN	<input checked="" type="checkbox"/>
	ACETONE	<input checked="" type="checkbox"/> 0.28	<input checked="" type="checkbox"/> 160	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/> CHOXD) fb		<input checked="" type="checkbox"/>
	N-BUTYL ALCOHOL	<input checked="" type="checkbox"/> 5.6	<input checked="" type="checkbox"/> 2.6	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/> CARBN OR INCIN		<input checked="" type="checkbox"/>
	CYCLOHEXANONE	<input checked="" type="checkbox"/> 0.36	<input checked="" type="checkbox"/> 0.75	<input checked="" type="checkbox"/>		PYRIDINE	<input checked="" type="checkbox"/> 0.014	<input checked="" type="checkbox"/> 16	<input checked="" type="checkbox"/>
	ETHYL ACETATE	<input checked="" type="checkbox"/> 0.34	<input checked="" type="checkbox"/> 33	<input checked="" type="checkbox"/>		TOLUENE	<input checked="" type="checkbox"/> 0.08	<input checked="" type="checkbox"/> 28	<input checked="" type="checkbox"/>
	ETHYLBENZENE	<input checked="" type="checkbox"/> 0.057	<input checked="" type="checkbox"/> 6.0	<input checked="" type="checkbox"/>	Treatment standards expressed above as five-letter treatment codes can be found in 40 CFR 268.42(a)				
	ETHYL ETHER	<input checked="" type="checkbox"/> 0.12	<input checked="" type="checkbox"/> 160	<input checked="" type="checkbox"/>	* Hazardous debris is subject to the alternative treatment standards of 40 CFR 268.45				
	METHANOL	<input checked="" type="checkbox"/> 5.6	<input checked="" type="checkbox"/> 0.75	<input checked="" type="checkbox"/>					
	METHYL ISOBUTYL KETONE	<input checked="" type="checkbox"/> 0.14	<input checked="" type="checkbox"/> 33	<input checked="" type="checkbox"/>					
	XYLENE	<input checked="" type="checkbox"/> 0.32	<input checked="" type="checkbox"/> 28	<input checked="" type="checkbox"/>					

RCRA F-listed Ban: The following wastes have treatment standards in 40 CFR 268.41(a) (Table CCWE), 40 CFR 268.43(a) (Table CCW), and 40 CFR 268.46 (Table 1). Determine if any of the following F-listed wastes are in the hazardous waste shipment and check the appropriate boxes.

<input checked="" type="checkbox"/> F006	<input checked="" type="checkbox"/> WASTEWATER	<input checked="" type="checkbox"/> NONWASTEWATER	<input checked="" type="checkbox"/> DEBRIS*	<input checked="" type="checkbox"/> F009	<input checked="" type="checkbox"/> WASTEWATER	<input checked="" type="checkbox"/> NONWASTEWATER	<input checked="" type="checkbox"/> DEBRIS*
<input checked="" type="checkbox"/> F007	<input checked="" type="checkbox"/> WASTEWATER	<input checked="" type="checkbox"/> NONWASTEWATER	<input checked="" type="checkbox"/> DEBRIS*	<input checked="" type="checkbox"/> F019	<input checked="" type="checkbox"/> WASTEWATER	<input checked="" type="checkbox"/> NONWASTEWATER	<input checked="" type="checkbox"/> DEBRIS*
<input checked="" type="checkbox"/> F008	<input checked="" type="checkbox"/> WASTEWATER	<input checked="" type="checkbox"/> NONWASTEWATER	<input checked="" type="checkbox"/> DEBRIS*				

California List Disposal Ban: Determine if any of the following characteristics apply to any hazardous wastes in the waste shipment. Check the box or boxes next to all the characteristics that apply.

## California List Prohibition

☒ POLYCHLORINATED BIPHENYLS, LIQUID (PCB'S) >= 50 MG/L

☒ HALOGENATED ORGANIC COMPOUNDS >= 1,000 MG/L, LIQUID  
☒ HALOGENATED ORGANIC COMPOUNDS >= 1,000 MG/KG, NONLIQUID

The following liquid wastes with metals (total):

☒ NICKEL >= 134 MG/L  
☒ THALLIUM >= 130 MG/L

## Treatment Standard

40 CFR 268.42(a)(2) INCIN or FSUBS  
see also 40 CFR 761.60 and 761.70

40 CFR 268.42(a)(2) INCIN  
40 CFR 268.42(a)(2) INCIN

RCRA Section 3004 (d)  
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Waste Analysis Data is: ☒ Attached ☐ Not Available

Concentration-Based Standards: The treatment standards for Reactive Cyanide (D003) waste appear in 40 CFR 268.43 (a)(Table CCW).  
The treatment standards for the metal-bearing waste (D004 to D011) listed below appear in 40 CFR 268.43(a) for wastewaters (Table CCW) and in 40 CFR 268.41(a) for nonwastewaters (Table CCWE).

Waste Code	Regulated Hazardous Constituent	Treatability Group*		
<input checked="" type="checkbox"/> D003	REACTIVE CYANIDES BASED ON 261.23 (a)(5)	Wastewater	Nonwastewater	Debris
<input checked="" type="checkbox"/> D004	ARSENIC	Wastewater	Nonwastewater	Debris
<input checked="" type="checkbox"/> D005	BARIUM	Wastewater	<input checked="" type="checkbox"/> Nonwastewater	Debris
<input checked="" type="checkbox"/> D006	CADMIUM, EXCEPT BATTERIES (SEE BELOW)	Wastewater	<input checked="" type="checkbox"/> Nonwastewater	Debris
<input checked="" type="checkbox"/> D007	CHROMIUM	Wastewater	<input checked="" type="checkbox"/> Nonwastewater	Debris
<input checked="" type="checkbox"/> D008	LEAD, EXCEPT LEAD ACID BATTERIES (SEE BELOW)	Wastewater	<input checked="" type="checkbox"/> Nonwastewater	Debris
<input checked="" type="checkbox"/> D009	MERCURY	Wastewater	Nonwastewater**	Debris
<input checked="" type="checkbox"/> D010	SELENIUM	Wastewater	<input checked="" type="checkbox"/> Nonwastewater	Debris
<input checked="" type="checkbox"/> D011	SILVER	Wastewater	Nonwastewater	Debris

\* Hazardous debris is subject to the alternative treatment standards of 40 CFR 268.45.

\*\* Low Mercury Subcategory (less than 260 mg/kg Total Mercury), High Mercury Subcategories are listed below.

Technology-Based Standards: The following wastes have treatment standards expressed as technology-based standards in 40 CFR 268.42(a).

Waste Code	Waste Description and/or Treatment Subcategory	Treatability Group		Treatment Code
<input checked="" type="checkbox"/> D001	IGNITABLE LIQUIDS, WASTEWATERS (< 1% TOTAL ORGANIC CARBON)	Wastewater		DEACT
<input checked="" type="checkbox"/> D001	LOW TOC IGNITABLE LIQUIDS (< 10% TOTAL ORGANIC CARBON)		Nonwastewater	DEACT
<input checked="" type="checkbox"/> D001	HIGH TOC IGNITABLE LIQUIDS (>= 10% TOTAL ORGANIC CARBON)		<input checked="" type="checkbox"/> Nonwastewater	FSUBS, RORGS, OR INCIN
<input checked="" type="checkbox"/> D001	IGNITABLE COMPRESSED GASES BASED ON 261.21 (a)(3)	Not Applicable		DEACT
<input checked="" type="checkbox"/> D001	IGNITABLE REACTIVES BASED ON 261.21 (a)(2)	Not Applicable		Debris DEACT
<input checked="" type="checkbox"/> D001	OXIDIZERS BASED ON 261.21 (a)(4)	Wastewater	Nonwastewater	Debris DEACT
<input checked="" type="checkbox"/> D002	ACID SUBCATEGORY (PH <= 2)	Wastewater	Nonwastewater	DEACT
<input checked="" type="checkbox"/> D002	ALKALINE SUBCATEGORY (PH >= 12.5)	Wastewater	Nonwastewater	DEACT
<input checked="" type="checkbox"/> D002	OTHER CORROSIVES BASED ON 261.22 (a)(2)	Wastewater	Nonwastewater	DEACT
<input checked="" type="checkbox"/> D003	REACTIVE SULFIDES BASED ON 261.23 (a)(5)	Wastewater	Nonwastewater	Debris DEACT
<input checked="" type="checkbox"/> D003	EXPLOSIVES BASED ON 261.23 (a)(6), (7) AND (8)	Wastewater	Nonwastewater	Debris DEACT
<input checked="" type="checkbox"/> D003	WATER REACTIVES BASED ON 261.23 (a)(2), (3) AND (4)		Nonwastewater	Debris DEACT
<input checked="" type="checkbox"/> D003	OTHER REACTIVES BASED ON 261.23 (a)(1)	Wastewater	Nonwastewater	Debris DEACT
<input checked="" type="checkbox"/> D006	CADMIUM CONTAINING BATTERIES		Nonwastewater	RTHRM
<input checked="" type="checkbox"/> D008	LEAD ACID BATTERIES		Nonwastewater	RLEAD
<input checked="" type="checkbox"/> D009	HIGH MERCURY WITH ORGANICS (>= 260 MG/KG TOTAL MERCURY)		Nonwastewater	Debris RMERC
<input checked="" type="checkbox"/> D009	HIGH MERCURY WITH INORGANICS (>= 260 MG/KG TOTAL MERCURY)		Nonwastewater	Debris IMERC OR RMERC

Variances: Debris that is contaminated with Land Disposal Restricted hazardous wastes, except: solvents (F001 to F005); dioxins (F020 to F023 and F026 to F028); and wastes containing greater than or equal to 1,000 ppm of California List HOC's (40 CFR Part 268 Appendix III) is subject to a national capacity variance until May 8, 1994.